

*B1
Cinclay.*
2 a rotor with a permanent magnet having P (P is an integer not less
3 than two) polarities and a polarity angle; and

4 a stator facing said rotor and having a plurality of coils,
5 wherein any one of the coils has isosceles sides interlinking with a
6 magnetic field generated by the polarities extension lines of the isosceles sides
7 extending along centers of winding-bundles of the coil, crossing each other at a
8 shaft center and having a vertex angle of $360/P$ degree, the vertex angle being equal
9 to the polarity angle.